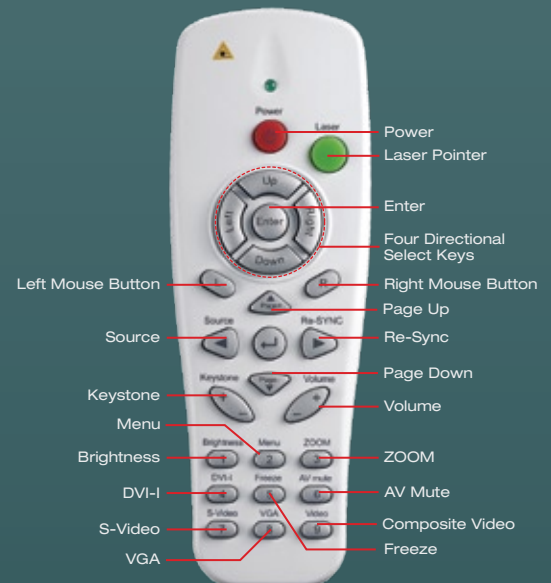
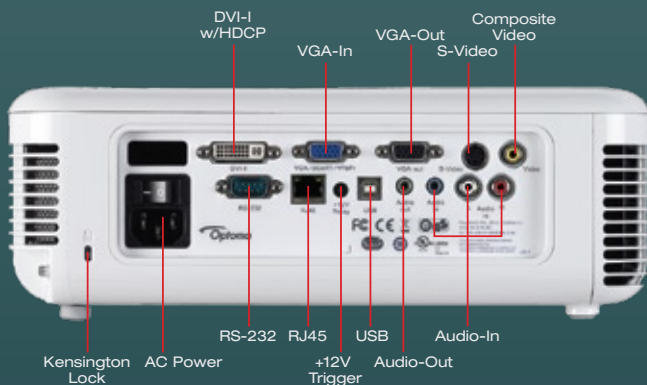


Widescreen Match, Set and Project



The TWR1693 from Optoma is a native WXGA digital projector with a DLP® chipset and BrilliantColor™ technologies from Texas Instruments. An ideal match for widescreen PCs with native pixel matching, the Optoma TWR1693 comes complete with a variety of connectivity options and network management solution. The TWR1693 is sturdy and bright for conference room settings, and light enough to be carried around for on-the-go presentations.

TWR1693 FEATURES

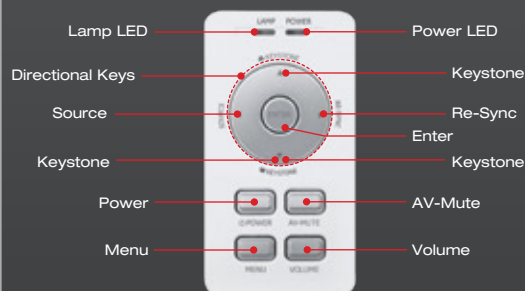
- ❑ Native WXGA resolution, HD compatible
- ❑ Extensive connectivity such as DVI, VGA, s-video, composite, RS-232, USB and RJ45
- ❑ Presentation friendly IR remote with laser pointer
- ❑ Features Texas Instruments' DLP chipset and BrilliantColor technologies
- ❑ Manage the projector via network connection
- ❑ Includes closed captioning

TWR1693 Multimedia Projector

Projection Distance/Image Size

Projection Distance (Feet)	Maximum Diagonal (Inches)	Minimum Diagonal (Inches)
3.3	30.7	26.7
11.2	104.5	90.7
18	169.1	146.8
25.3	236.8	205.5
32.8	307.5	266.8

Control Panel



Optional Accessories

Lamp:	BL-FU280A
Remote:	BR-5022L
VGA to VGA Cable (2m):	BC-VGVGXX02
Power Cord (1m):	BC-PUPIXY01
S-Video Cable (2m):	BC-SVSVXX02
Composite Cable (1.8m):	BC-COCVXX02
VGA to Component Cable (2m):	BC-VGCRXX02
DVI Cable (2m):	BC-DIDIXX02
DVI to HDMI Adapter:	BC-DIIMXY00
Carrying Case:	BK-4016
Minijack to RCA Audio Adapter:	BC-MJADXY00
106" 16:9 Manual Pull-Down Screen:	DS-GWII9106P

Specifications

Display Technology:	Single 0.65" DMD™ DLP Technology by Texas Instruments
Resolution:	Native WXGA (1280 x 800)
Maximum Resolution:	WUXGA (1920 x 1200)
Brightness (Typical):	3600 ANSI Lumens
Contrast Ratio:	2500:1 (Full On/Full Off)
Lamp Type:	280W UHP
Lamp Life (STD/Bright):	Estimated at 3000/2000 Hours
Throw Ratio:	1.51 to 1.74:1 (Distance/Width)
Image Size (Diagonal):	27" to 307" (0.68 to 7.79 m)
Projection Distance:	3.3' to 32.8' (1.0 to 10.0 m)
Noise Level (STD/Bright):	30dB/32dB
Remote Control:	Fully Featured Remote with Mouse and Laser Pointer
Monitor Loop Through:	D-Sub 15 VGA Output
Computer Compatibility:	VGA, SVGA, XGA, SXGA+, UXGA, WUXGA, VESA, PC and Macintosh Compatible
Video Compatibility:	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (576i/p, 720p, 1080i/p)
Aspect Ratio:	16:10 Native, 16:9, 4:3 Compatible
Projection Lens:	F=2.57~2.77, f=21.3~24.5 mm, 1.15x Manual Zoom and Focus
User Controls:	Complete On Screen Menu Adjustments in 22 Languages
Audio:	One 3-Watt Speaker
Keystone Correction:	± 30° Vertical
Vertical Refresh Rate:	50 to 85 Hz
Horizontal Scan Rate:	15 kHz, 30 to 90 kHz
Power Supply:	AC Input 100 - 240V, Auto-Switching
Power Consumption:	350 Watts (Maximum), <6 Watts (Standby)
Weight:	8.2 lbs (3.7 kg)
Dimensions (W x H x D):	11.8" x 3.9" x 9.6" (300 x 100.5 x 244 mm)
Operating Temperature:	41-104°F (5-40°C) (85% Humidity), Adjustable Fan Speed for High Altitude Application
Displayable Colors:	134.2 Million
Projection Method:	Front, Rear, Ceiling Mount, Table Top
Uniformity:	85%
Security:	One Kensington® Lock Port
I/O Connectors:	DVI-I w/HDCP, Composite Video, VGA-In, S-Video, Two-Audio-In, USB, VGA-Out, Audio-Out, RJ45, +12V Trigger, RS-232
Standard Accessories:	AC Power Cord, VGA to VGA Cable, Composite Video Cable, USB Cable, Remote Control, Batteries for Remote, Carrying Case, Quick Start Guide, Warranty Card and CD-ROM User's Manual
Optional Accessories:	Ceiling Mount, S-Video Cable, VGA to Component Cable, DVI to DVI Cable, DVI to HDMI Adapter and PanoView™ Series Screens
Warranty:	3 Years Optoma Express Replacement Service, 1 Year on Lamp
UPC:	796435 11 706 1

www.OptomaUSA.com



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